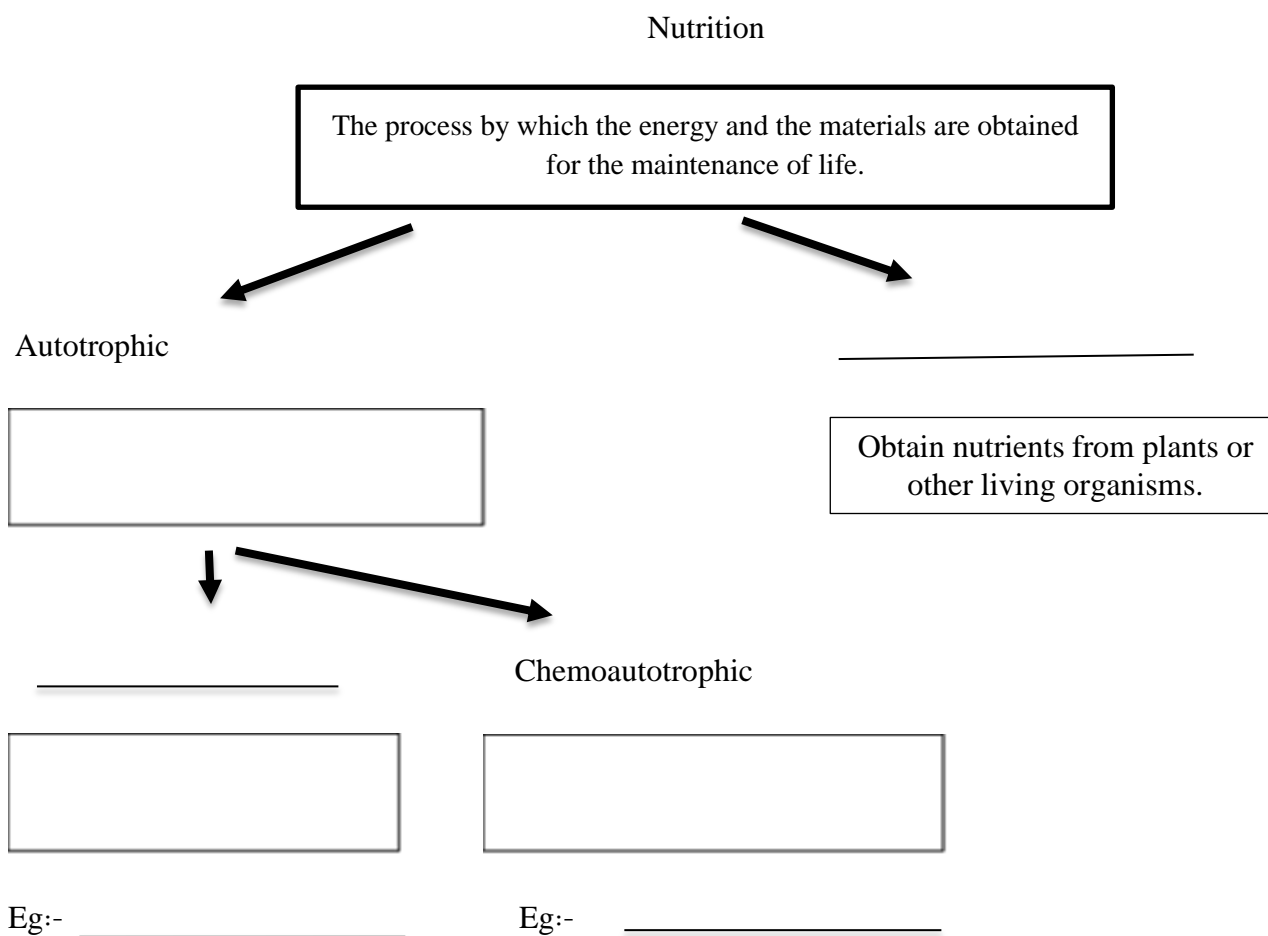


02) The things around us can be categorized as living things and non living things. For that, the common characteristics of living organisms such as cellular organization, nutrition, respiration, excretion, irritability and co-ordination are considered.

- (I) Write 3 common characteristics of living organisms that are not mentioned above.
- (II) Write four examples for unicellular organisms.
- (III) Write the organizational levels of an organism in the order of how it becomes complex by using arrows.
- (IV) Fill in the blanks.



- (V) a) Draw an apparatus that can be used to show the absorption of O₂ during respiration.
- b) What are the observations there?
- c) Explain the reasons for the above observations.
- (VI) a) What is a stimulus?
- b) Write the sensitive organs in your body and stimuli detected by them.
- c) What is the difference between irritability and co-ordination ?
- d) Write an incident where plants respond to stimuli.

- (VI) a) What is excretion?
b) What are the methods of excretion in organisms?
c) What are the main excretory materials of the organisms?
- (VII) It is difficult to identify virus as living or non-living things. They are very small and can be observed from electron microscope only.
- a. What is the pandemic virus spreading around the world at present?
 - b. What are the living characteristics that can be seen in virus?
 - c. What are the non-living characteristics that can be seen in virus?
 - d. Write 3 examples for viral diseases which are infected to animals.
 - e. Write 2 examples for viral diseases which are infected to plants.